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KALOW & SPRINGUT LLP
ATTORNEYS AT LAW488 MADISON AVENUE • NEW YORK, NY 10022
212 813-1500 • FAX 212 813-9600 • INFO@CREATIVITY-LAW.COM

To: COMMISSIONER FOR PATENTS**Fax No.: (703) 872-9306****From: Tor Smeland, Esq.****Date: March 28, 2005****Pages: 24 (including cover page)**

Re: Application Serial No. 10/635,108
Applicant: SCARINGE, Stephen
Filed: August 5, 2003
Title: Short Interfering RNAs Having a Hairpin Structure Containing a
Non-Nucleotide Loop
EXAMINER: SISSON, Bradley
Group Art Unit: 1642
Attorney Docket No.: 13561US

Transmitted Herewith:**Amendment and Reply to Final Office Action (14 pages)****Information Disclosure Statement (2 pages)****Non Patent Publication****Form PTO/SB/08B****Fee Transmittal Form PTO/SB/17**

Certificate of Transmission Under 37 C.F.R. 1.8

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PTO/SB/17 (11-04)

Approved for use through 07/31/2008. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 10/01/2004. Patent fees are subject to annual revision.

**FEE TRANSMITTAL
For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 180.00**Complete if Known**

Application Number	10/635,108
Filing Date	August 5, 2003
First Named Inventor	SCARINGE, Stephen
Examiner Name	SISSON, Bradley
Art Unit	1642
Attorney Docket No.	13561US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order
☒ Deposit Account ☐ None
 Deposit Account Number: 11-0171
 Deposit Account Name: Kalow & Springut LLP

The Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below
☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
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☐ Other (please identify):

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FEE CALCULATION**1. BASIC FILING FEE**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
Utility Filing Fee	790	395	
Design Filing Fee	350	175	
Plant Filing Fee	550	275	
Reissue Filing Fee	790	395	
Provisional Filing Fee	160	80	

Subtotal (1) \$**FEE CALCULATION (continued)**

2. EXTRA CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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20 or HP = $\frac{\text{Total Claims}}{20}$ or $\frac{\text{Total Claims}}{\text{HP}}$ x Fee = $\frac{10}{20}$ x 18 = 9

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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3 or HP = $\frac{\text{Indep. Claims}}{3}$ or $\frac{\text{Indep. Claims}}{\text{HP}}$ x Fee = $\frac{10}{3}$ x 88 = 293.33

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
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Subtotal (2) \$**3. OTHER FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
1-month extension of time	110	55	
2-month extension of time	430	215	
3-month extension of time	980	490	
4-month extension of time	1,530	765	
5-month extension of time	2,080	1,040	
Information disclosure stmt. fee	180	180	\$ 180.00
37 CFR 1.17(q) processing fee	50	50	
Non-English specification	130	130	
Notice of Appeal	340	170	
Filing a brief in support of appeal	340	170	
Request for oral hearing	300	150	
Other:			

Subtotal (3) \$ 180.00**SUBMITTED BY**

Signature

Tor SMELAND

Registration No.
(Attorney/Agent)

43,131

Telephone (212) 813-1600

Name (Print/Type)

Tor SMELAND

Date March 28, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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MAR 28 2005

Applicant: SCARINGE, Stephen

Examiner: SISSON, Bradley

Serial No.: 10/635108

Group Art Unit: 1642

Filed: August 5, 2003

For: Short Interfering RNAs Having a Hairpin Structure Containing a Non-Nucleotide Loop

Customer No.: 23719

Kalow & Springut LLP
488 Madison Avenue, 19th Floor
New York, New York 10022

March 28, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450AMENDMENT AND REPLY TO FINAL OFFICE ACTION

Sir:

This amendment is submitted in response to the Final Office Action that was mailed on January 27, 2005 in connection with the above-identified application. The time for filing a response to the Final Office Action was set to expire on April 27, 2005. This response is being filed on March 28, 2005, and thus is timely filed.

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 703-872-9306) on the date shown below.

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Angel Matos
(Printed Name of Person Signing
Certificate)

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